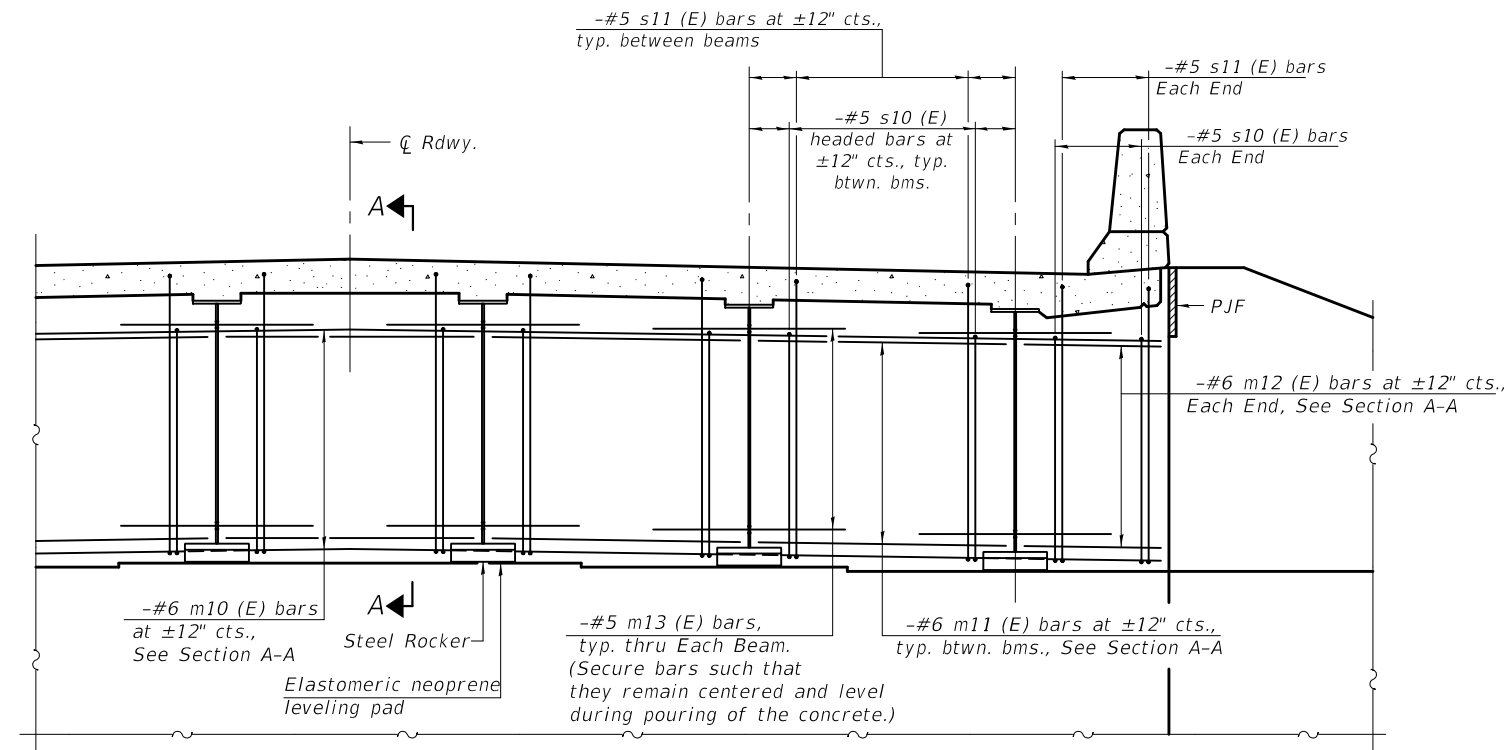
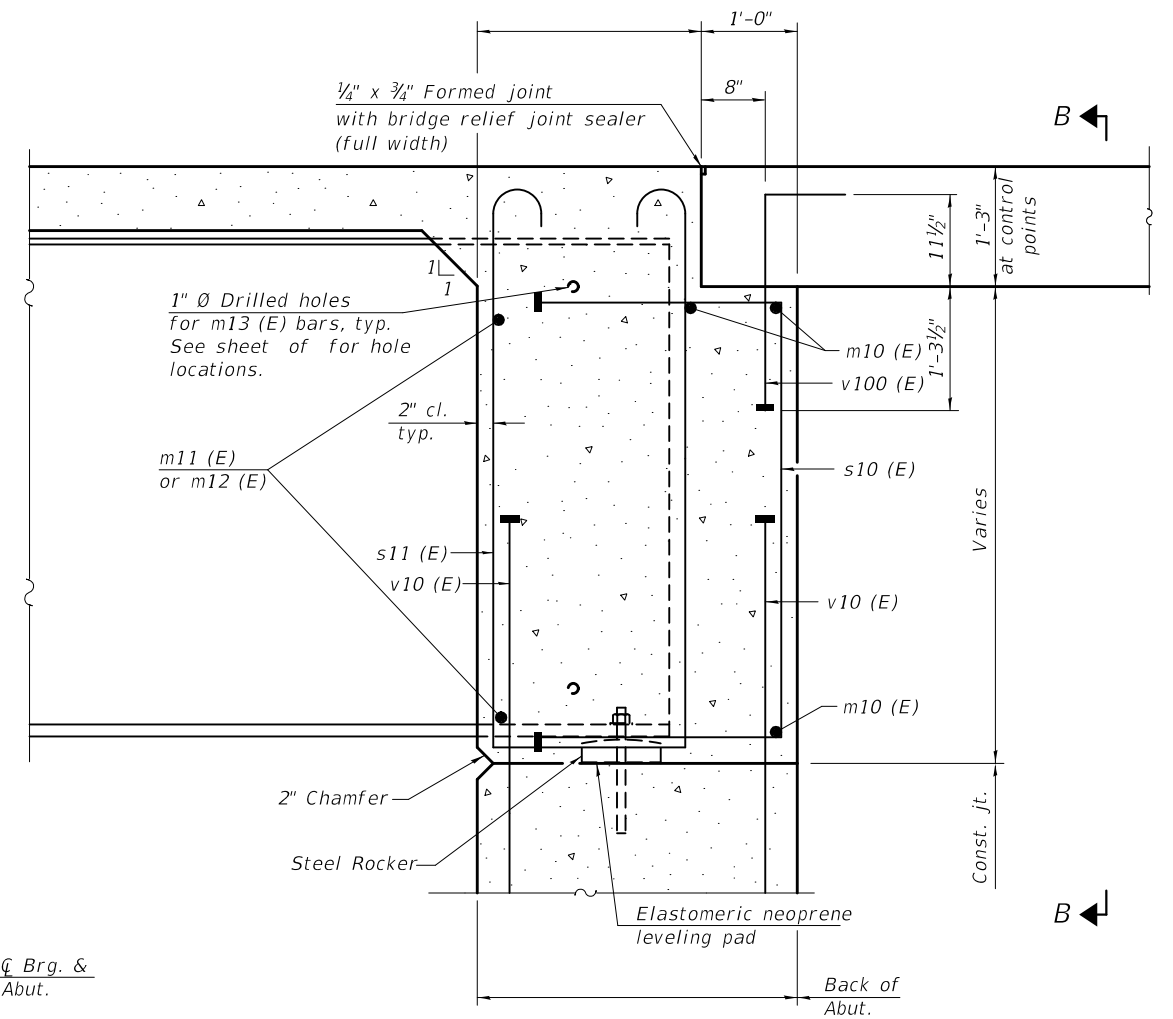


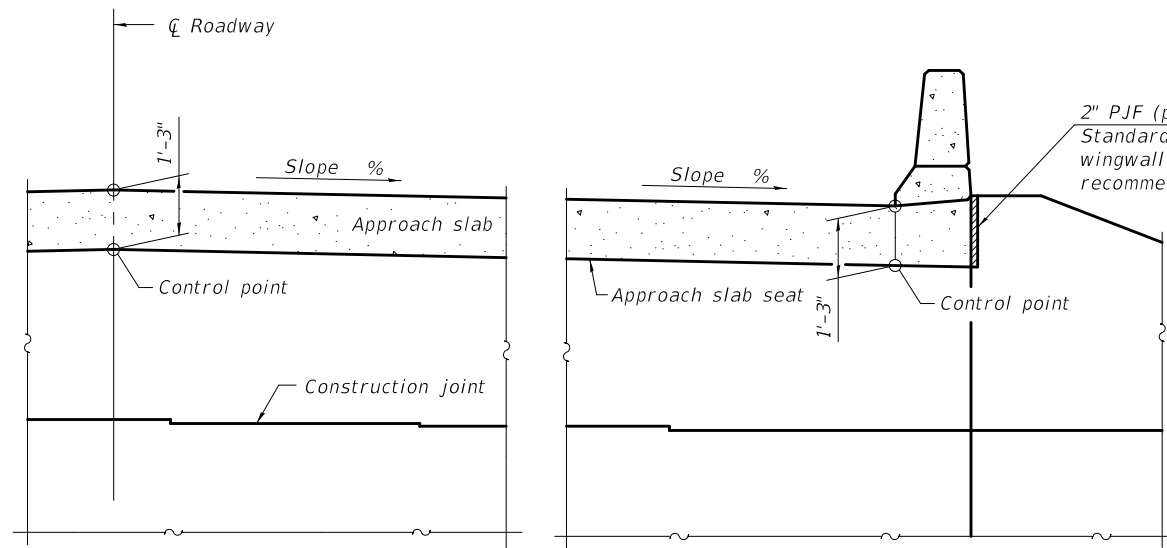
CELL / MODEL NAME	DESCRIPTION	DATE
DIA-SB-Greater than 48-0	Diaphragm Integral Abutment; Steel beam Greater than 48 inch depth beam; No skew	2/17/2017
DIA-SB-Greater than 48-L	Diaphragm Integral Abutment; Steel beam Greater than 48 inch beam depth; Left skew	2/17/2017
DIA-SB-Greater than 48-R	Diaphragm Integral Abutment; Steel beam Greater than 48 inch beam depth; Right skew	2/17/2017
DIA-SB2448-0	Diaphragm Integral Abutment; Steel beam 24-48 inch beam depth; No skew	2/17/2017
DIA-SB2448-L	Diaphragm Integral Abutment; Steel beam 24-48 inch beam depth; Left skew	2/17/2017
DIA-SB2448-R	Diaphragm Integral Abutments; Steel beam 24-48 inch beam depth; Right skew	2/17/2017



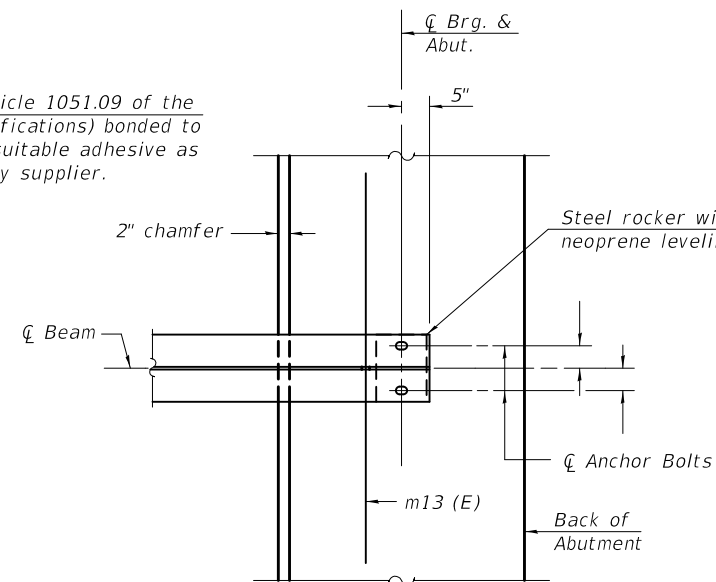
DIAPHRAGM AT ABUTMENT



SECTION A-A



SECTION B-B



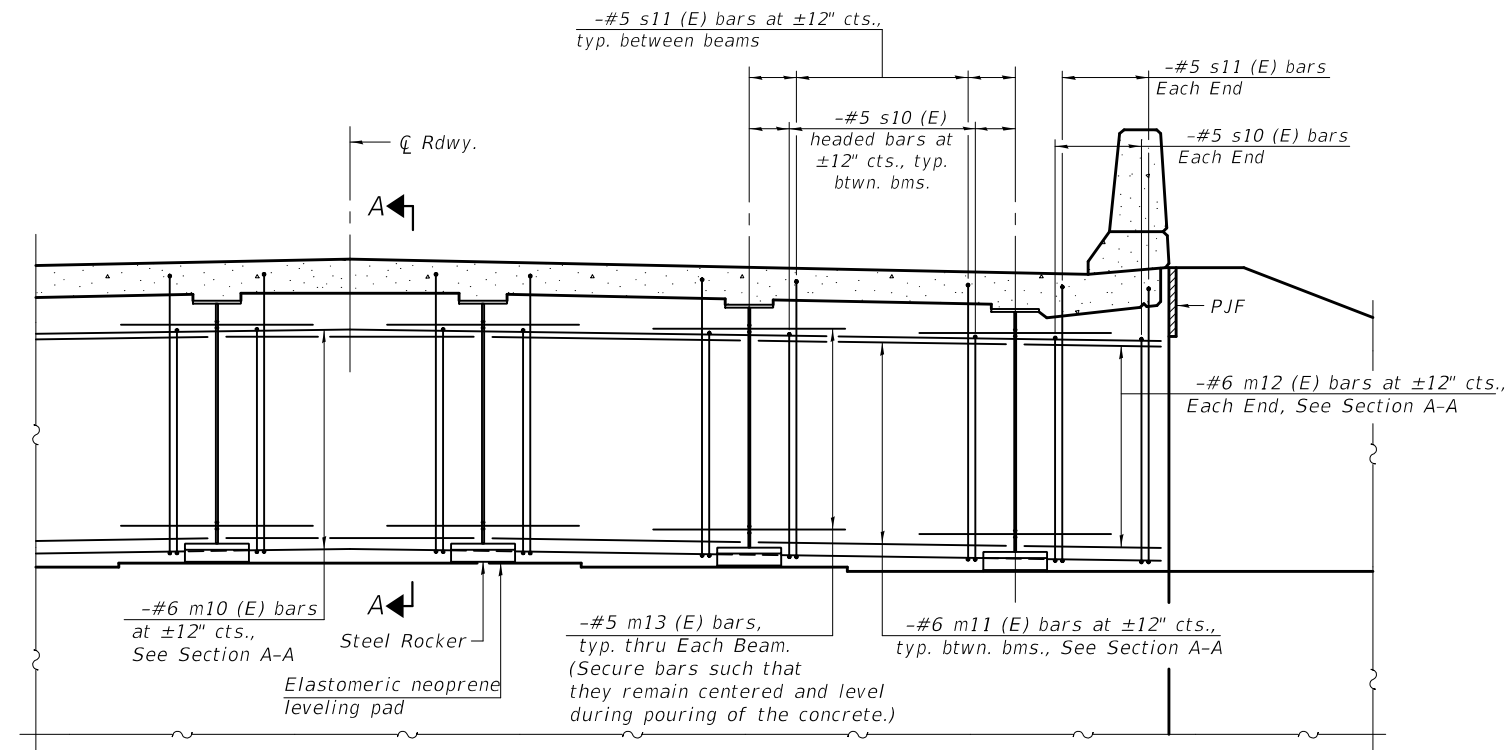
PLAN AT ABUTMENT  
(Showing bottom flange of beam)

Notes:  
Reinforcement bars in diaphragm are billed with superstructure on sheet of .  
Concrete in diaphragm is included with Concrete Superstructure on sheet of .  
For details of bars s10 (E), s11 (E) and v100 (E) see sheet of .  
The approach slab seat shall have a constant slope determined from the control points shown.  
For bearing details see sheet of .  
Beams shall be braced for stability during erection and remain braced until deck is poured and cured.

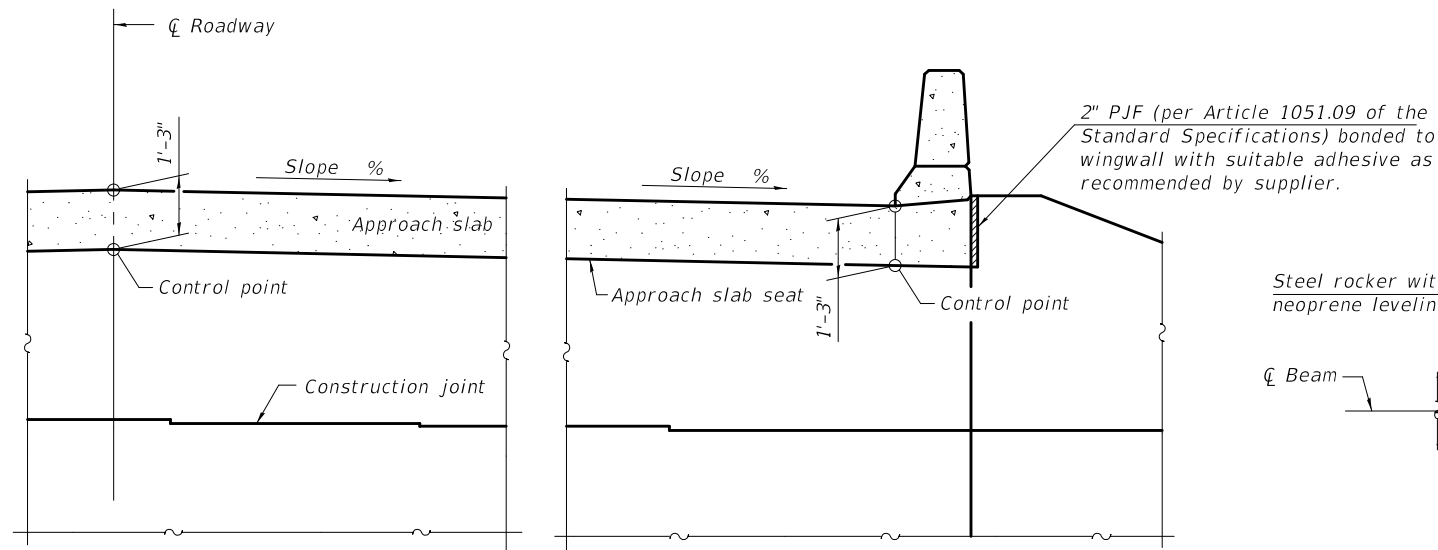
DIA-SB>48-0

2-17-2017

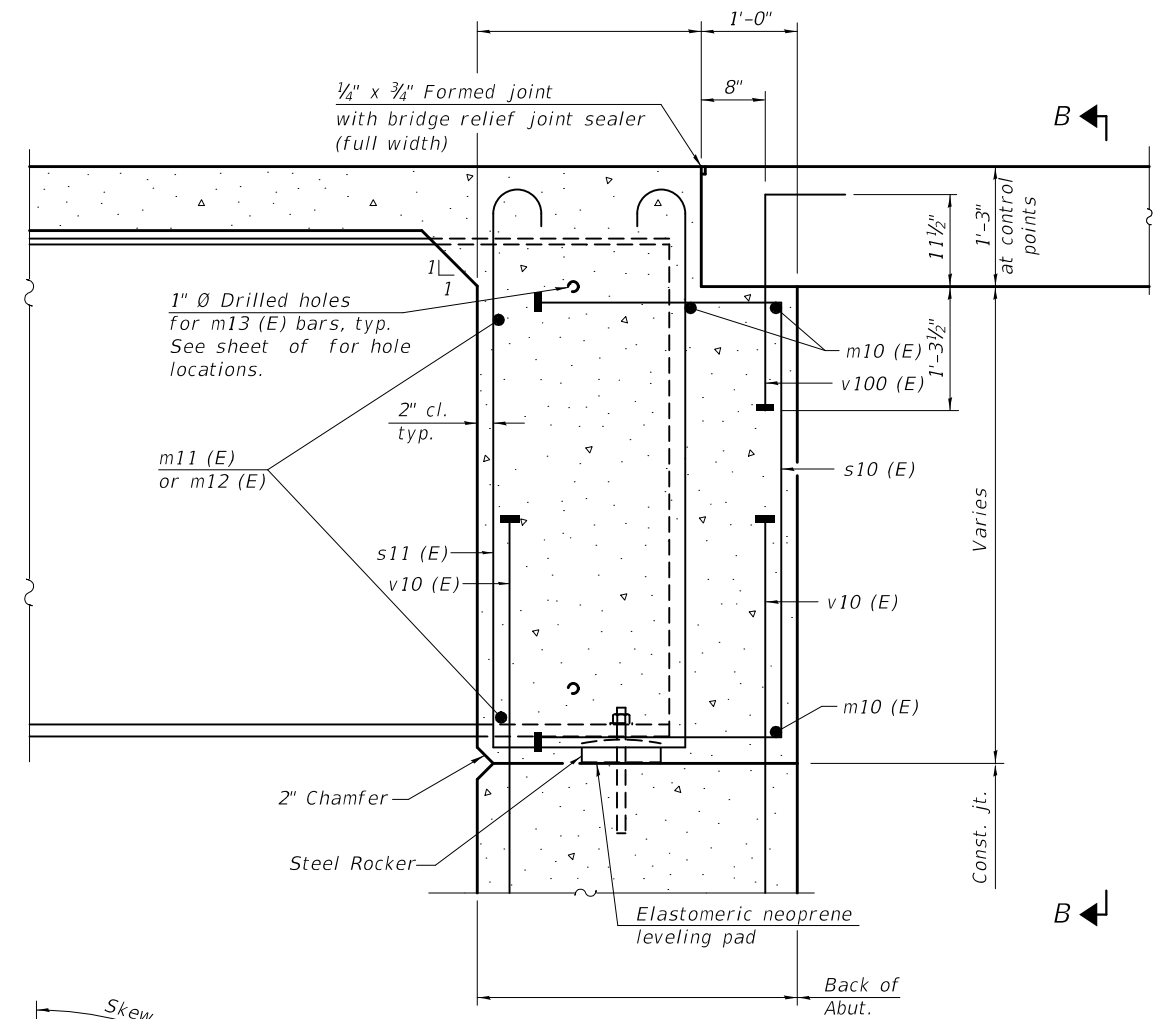
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						ILLINOIS FED. AID PROJECT				



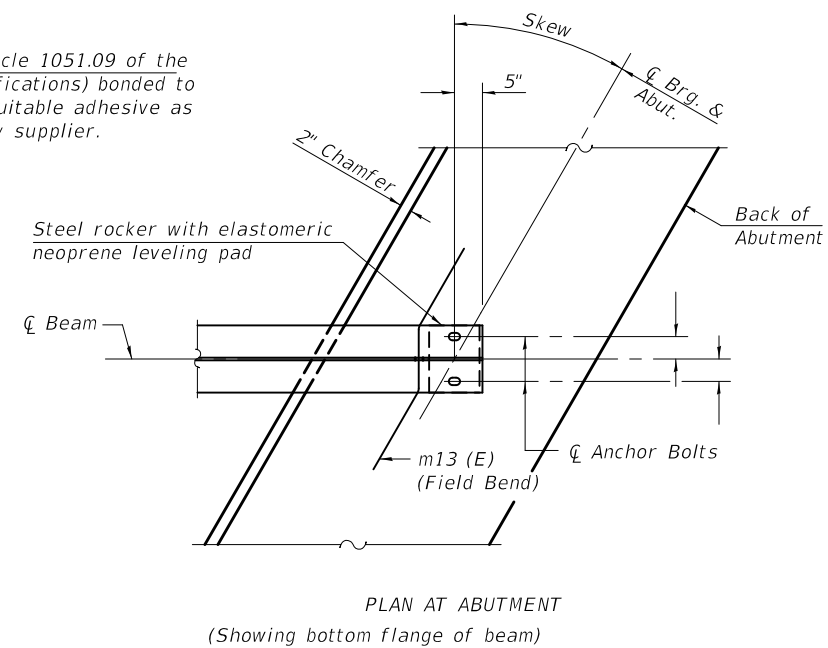
**DIAPHRAGM AT ABUTMENT**



**SECTION B-B**



**SECTION A-A  
(at Rt. L's)**



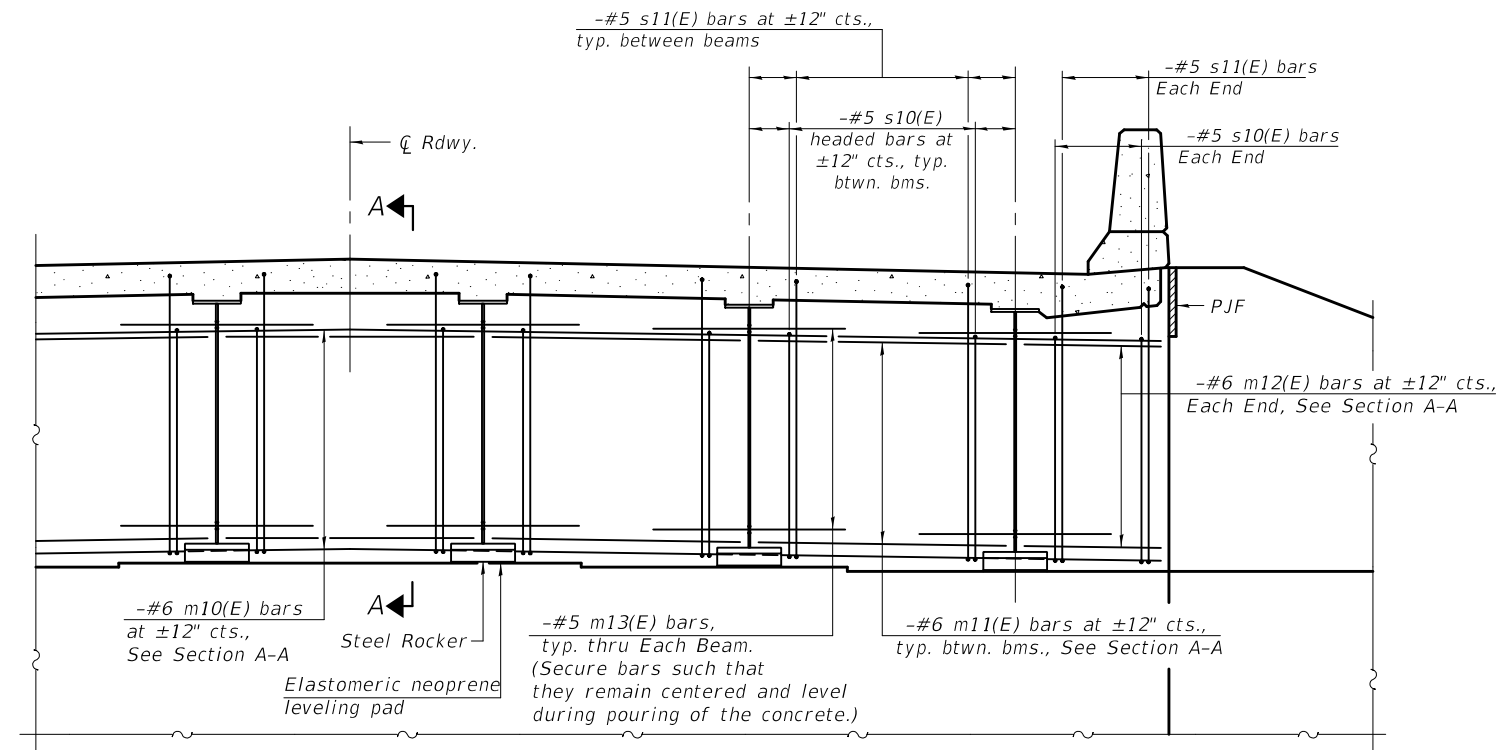
**PLAN AT ABUTMENT  
(Showing bottom flange of beam)**

Notes:  
 Reinforcement bars in diaphragm are billed with superstructure on sheet of .  
 Concrete in diaphragm is included with Concrete Superstructure on sheet of .  
 For details of bars s10 (E), s11 (E) and v100 (E) see sheet of .  
 The s10 (E) and s11 (E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.  
 The approach slab seat shall have a constant slope determined from the control points shown.  
 For bearing details see sheet of .  
 Beams shall be braced for stability during erection and remain braced until deck is poured and cured.

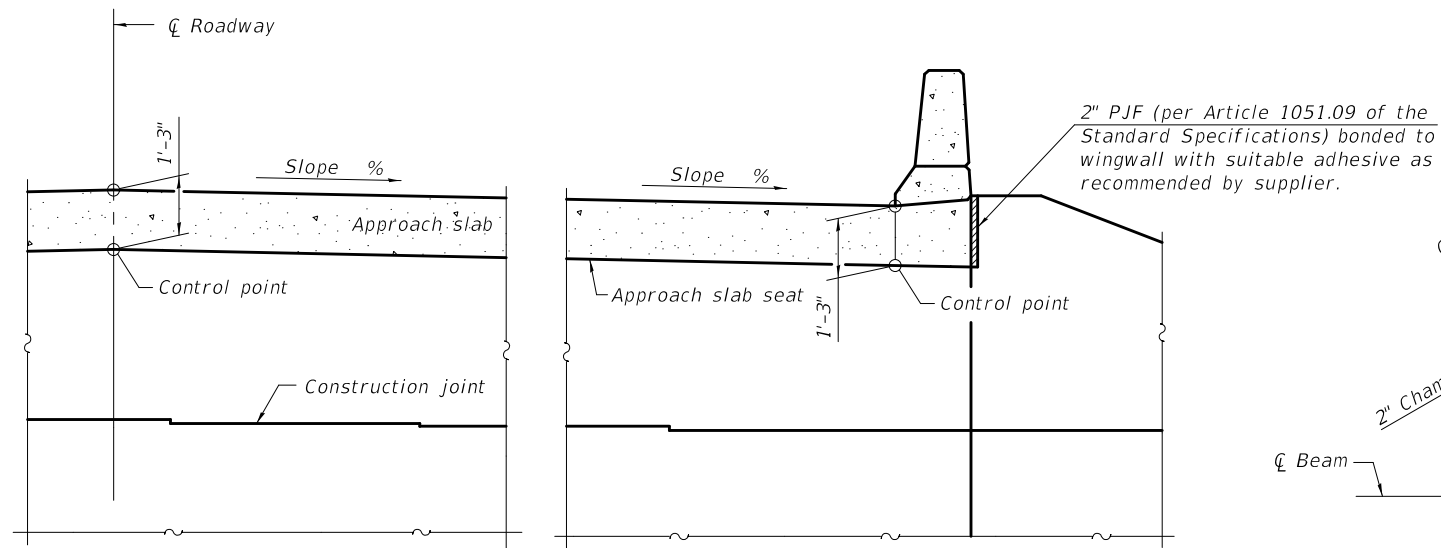
DIA-SB>48-L

2-17-2017

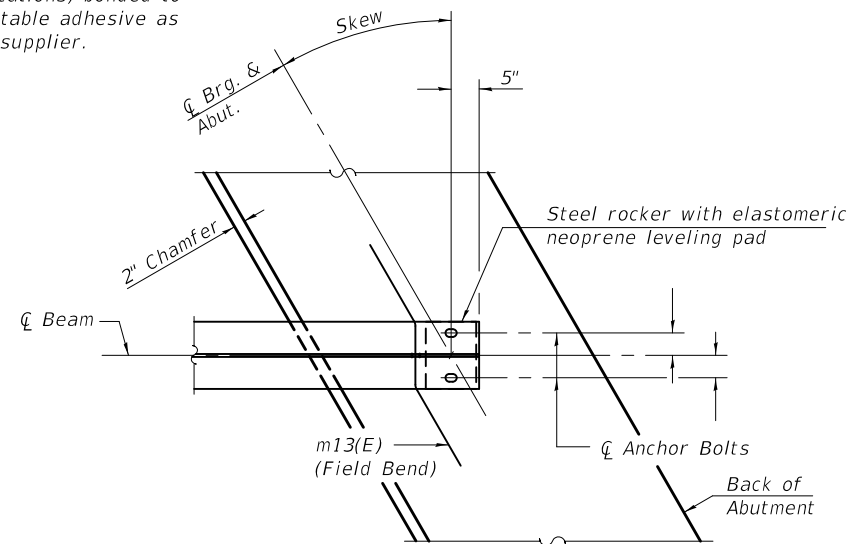
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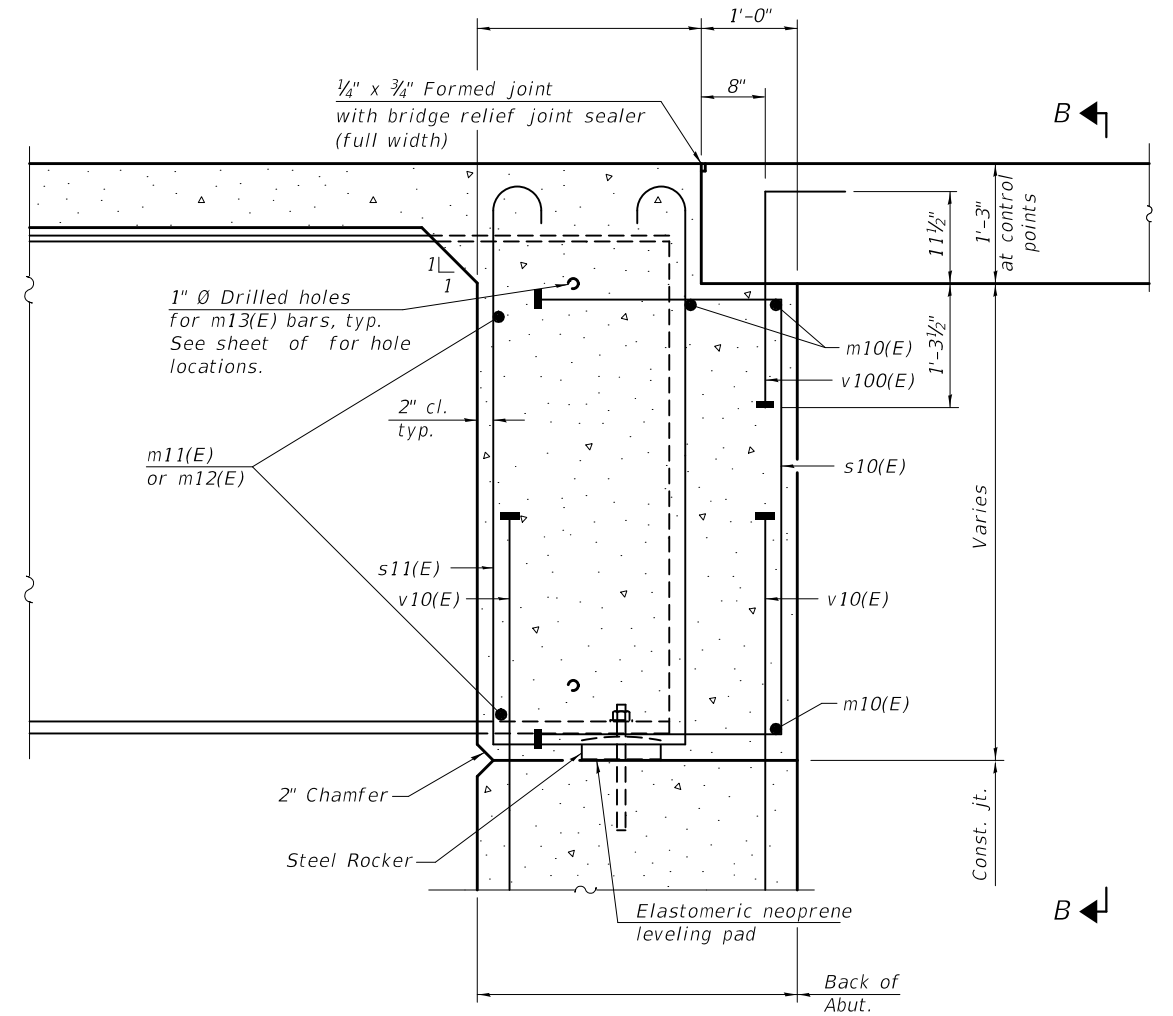
DIAPHRAGM AT ABUTMENT



SECTION B-B



PLAN AT ABUTMENT  
(Showing bottom flange of beam)



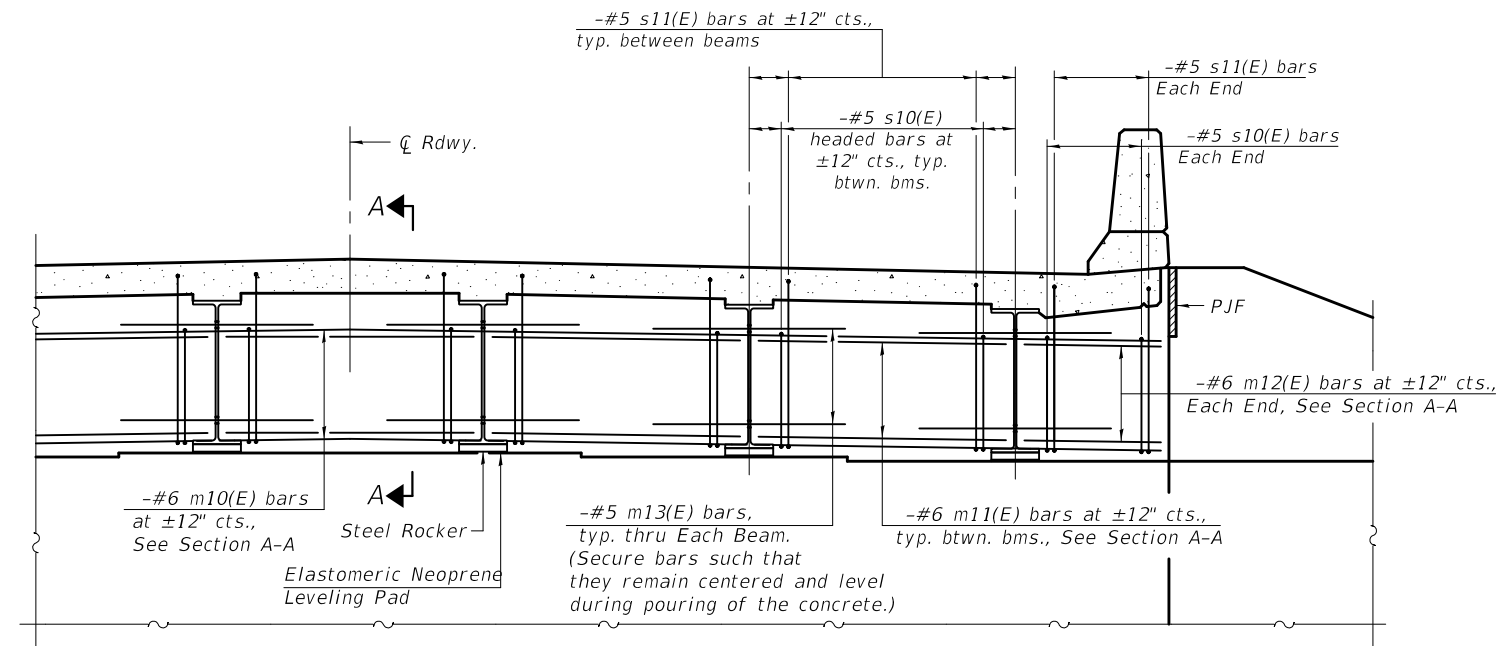
SECTION A-A  
(at Rt. L's)

Notes:  
Reinforcement bars in diaphragm are billed with superstructure on sheet of .  
Concrete in diaphragm is included with Concrete Superstructure on sheet of .  
For details of bars s10(E), s11(E) and v100(E) see sheet of .  
The s10(E) and s11(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.  
The approach slab seat shall have a constant slope determined from the control points shown.  
For bearing details see sheet of .  
Beams shall be braced for stability during erection and remain braced until deck is poured and cured.

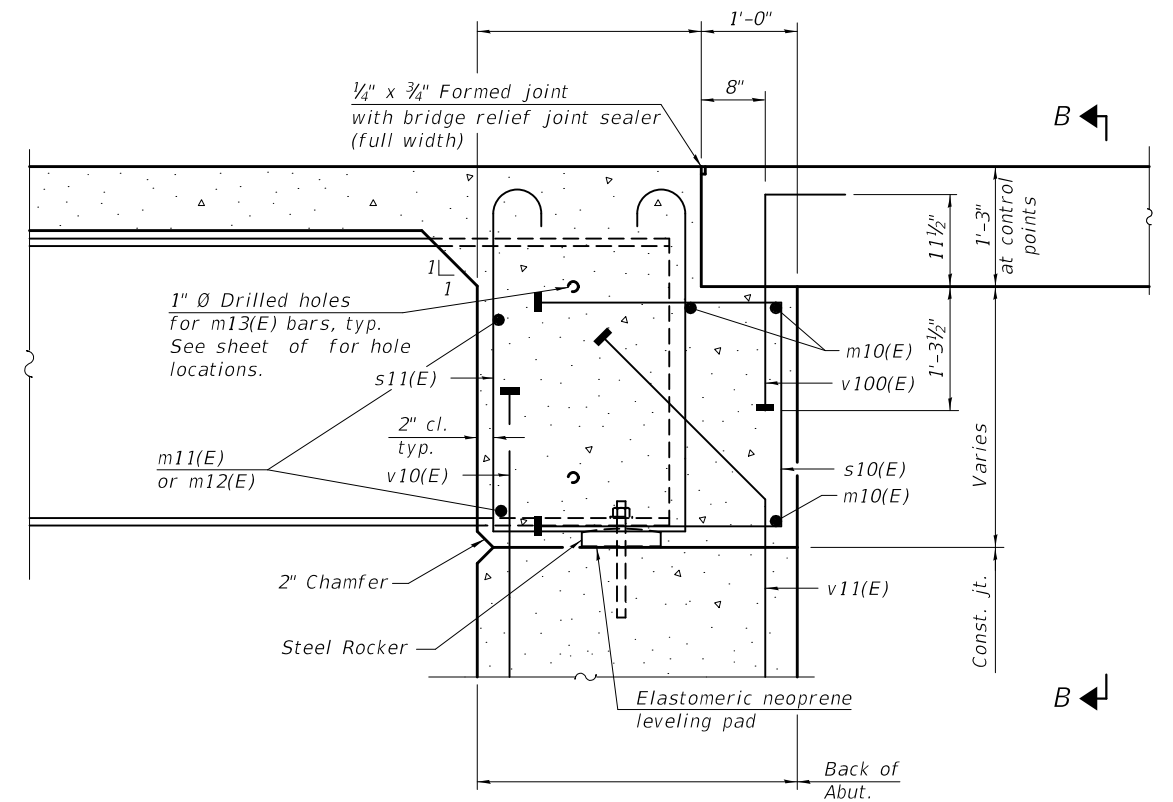
DIA-SB>48-R

2-17-2017

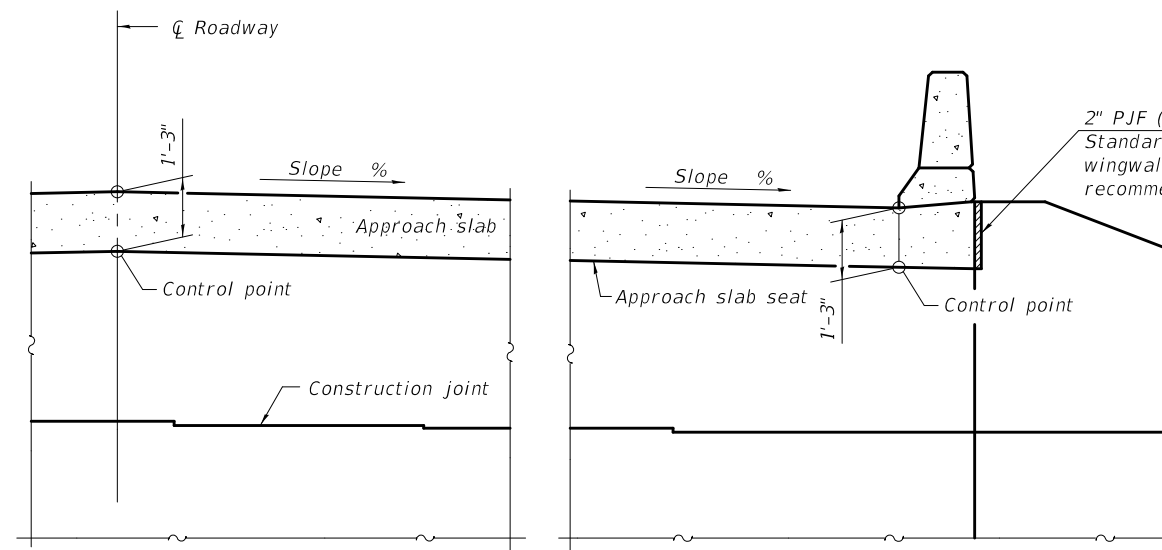
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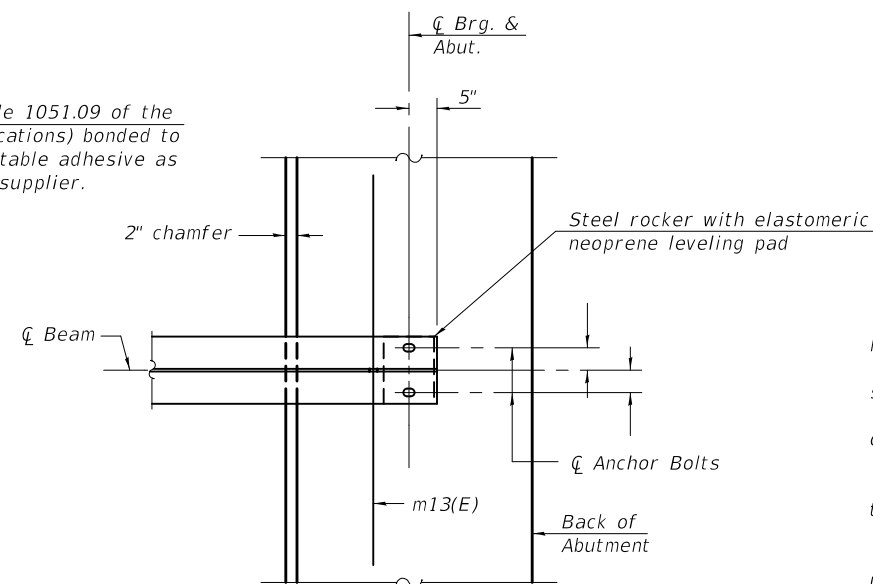
**DIAPHRAGM AT ABUTMENT**



**SECTION A-A**



**SECTION B-B**

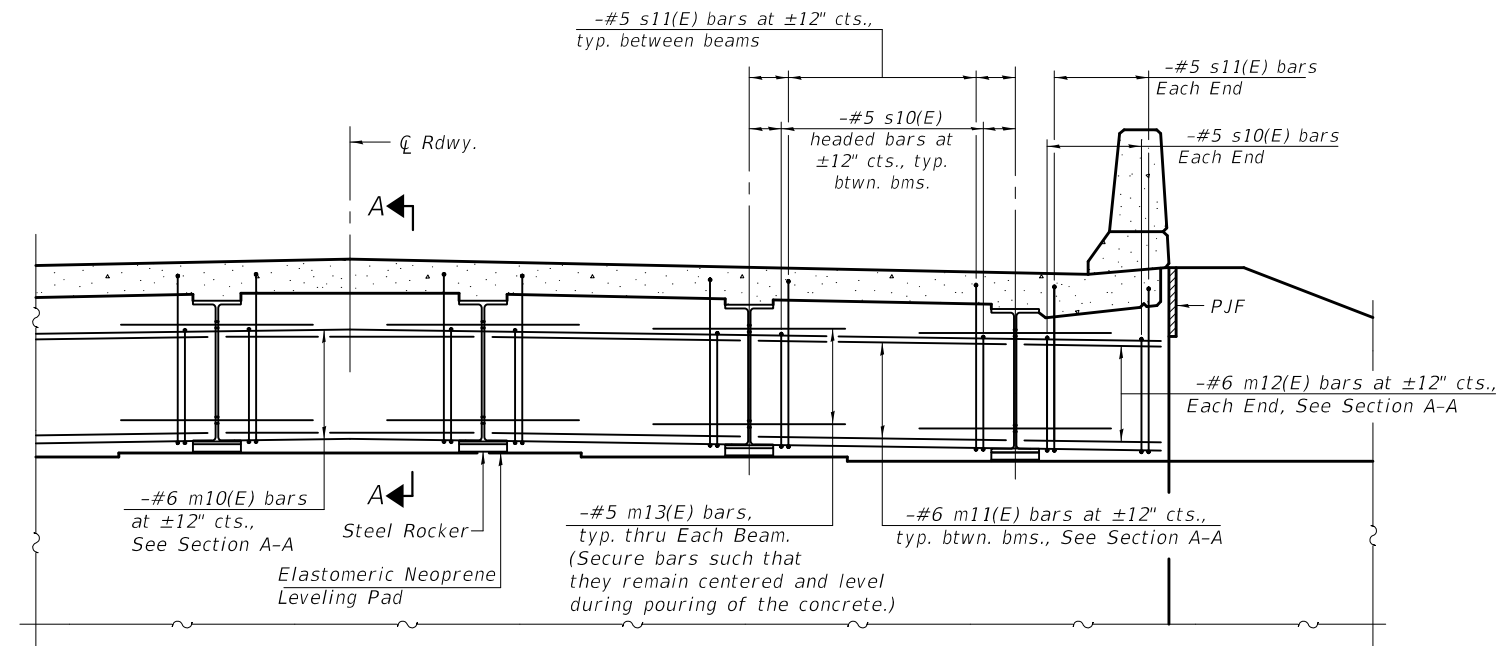


**PLAN AT ABUTMENT**  
(Showing bottom flange of beam)

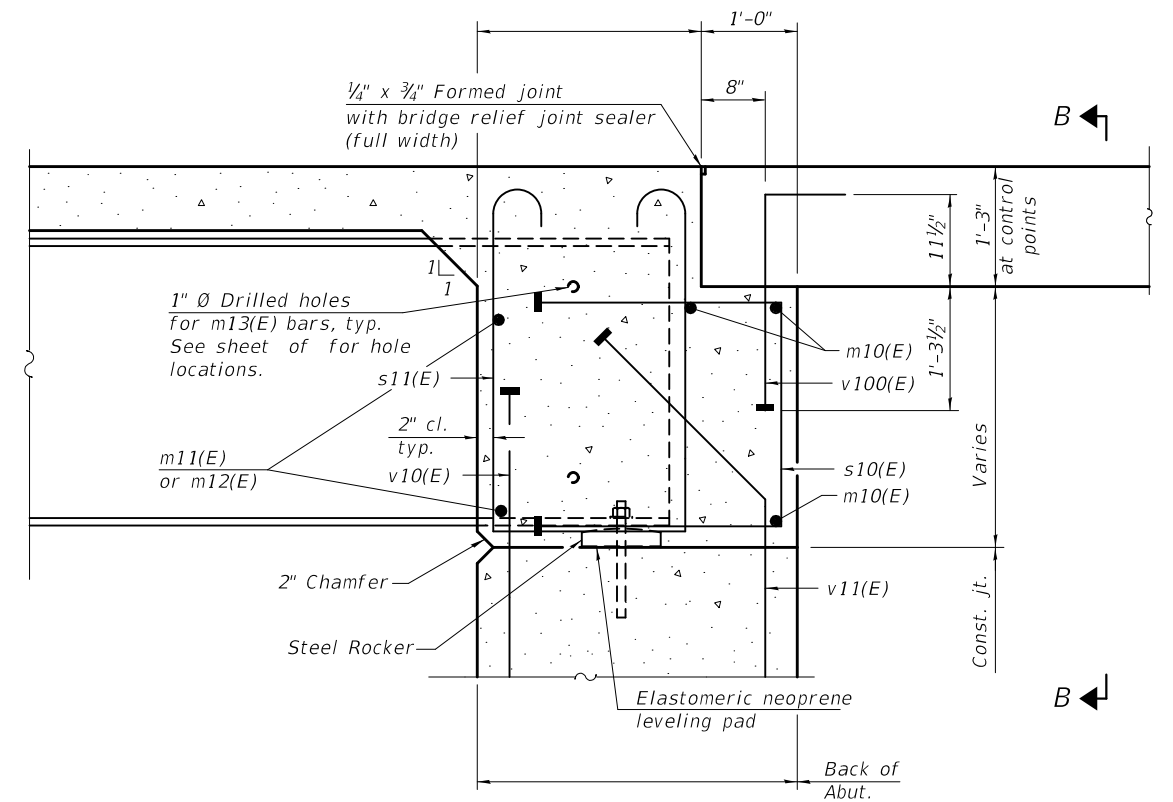
Notes:  
Reinforcement bars in diaphragm are billed with superstructure on sheet of .  
Concrete in diaphragm is included with Concrete Superstructure on sheet of .  
For details of bars s10(E), s11(E) and v100(E) see sheet of .  
The approach slab seat shall have a constant slope determined from the control points shown.  
For bearing details see sheet of .  
Beams shall be braced for stability during erection and remain braced until deck is poured and cured.

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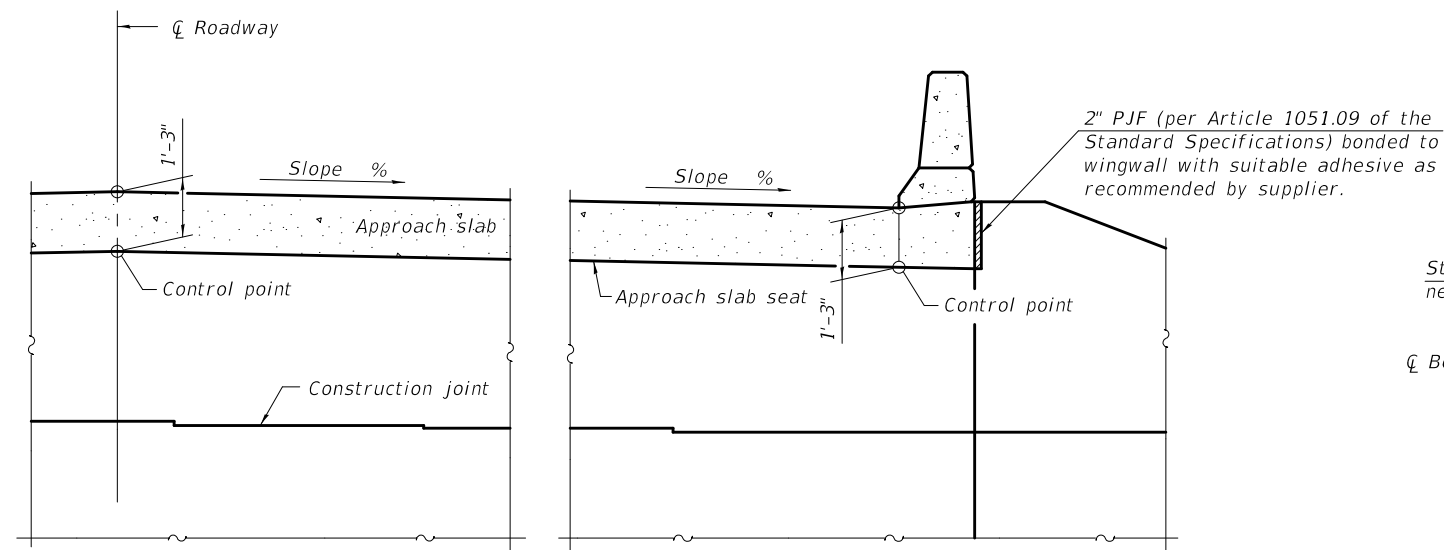
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							ILLINOIS FED. AID PROJECT						



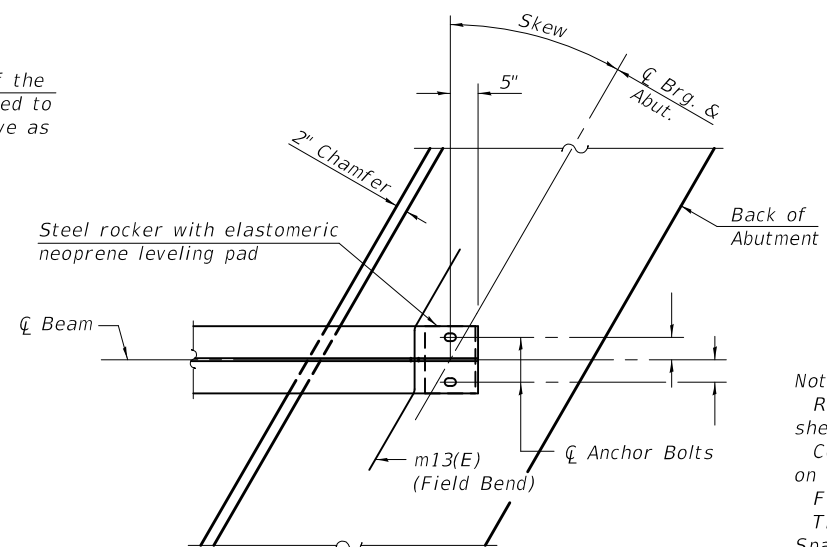
**DIAPHRAGM AT ABUTMENT**



**SECTION A-A**  
(at Rt. L's)



**SECTION B-B**

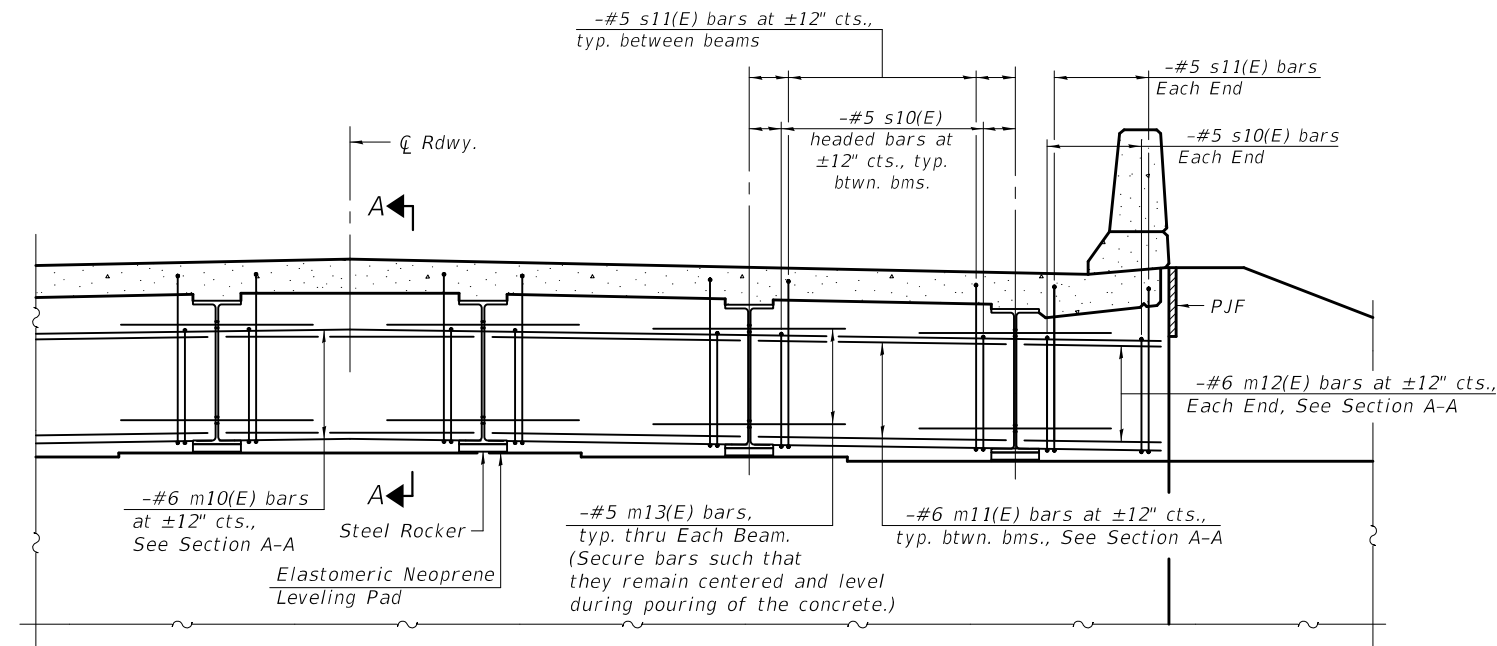


**PLAN AT ABUTMENT**  
(Showing bottom flange of beam)

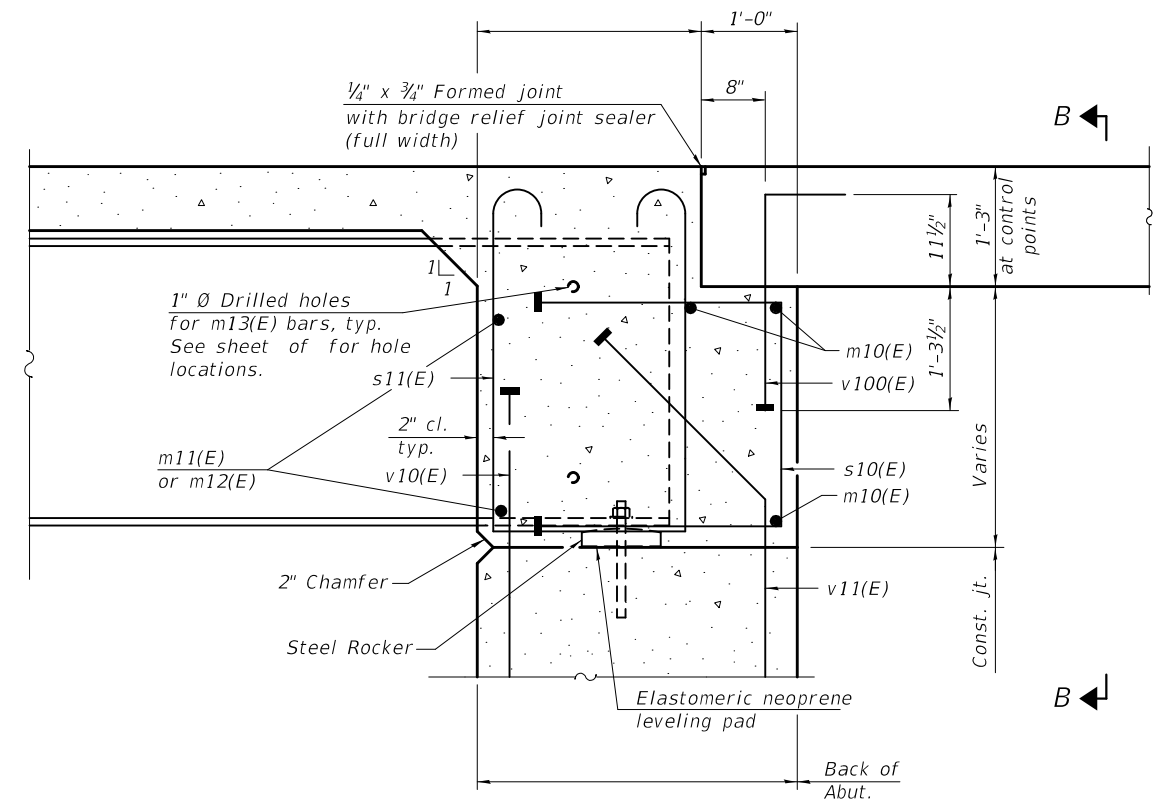
Notes:  
Reinforcement bars in diaphragm are billed with superstructure on sheet of .  
Concrete in diaphragm is included with Concrete Superstructure on sheet of .  
For details of bars s10(E), s11(E) and v100(E) see sheet of .  
The s10(E) and s11(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.  
The approach slab seat shall have a constant slope determined from the control points shown.  
For bearing details see sheet of .  
Beams shall be braced for stability during erection and remain braced until deck is poured and cured.

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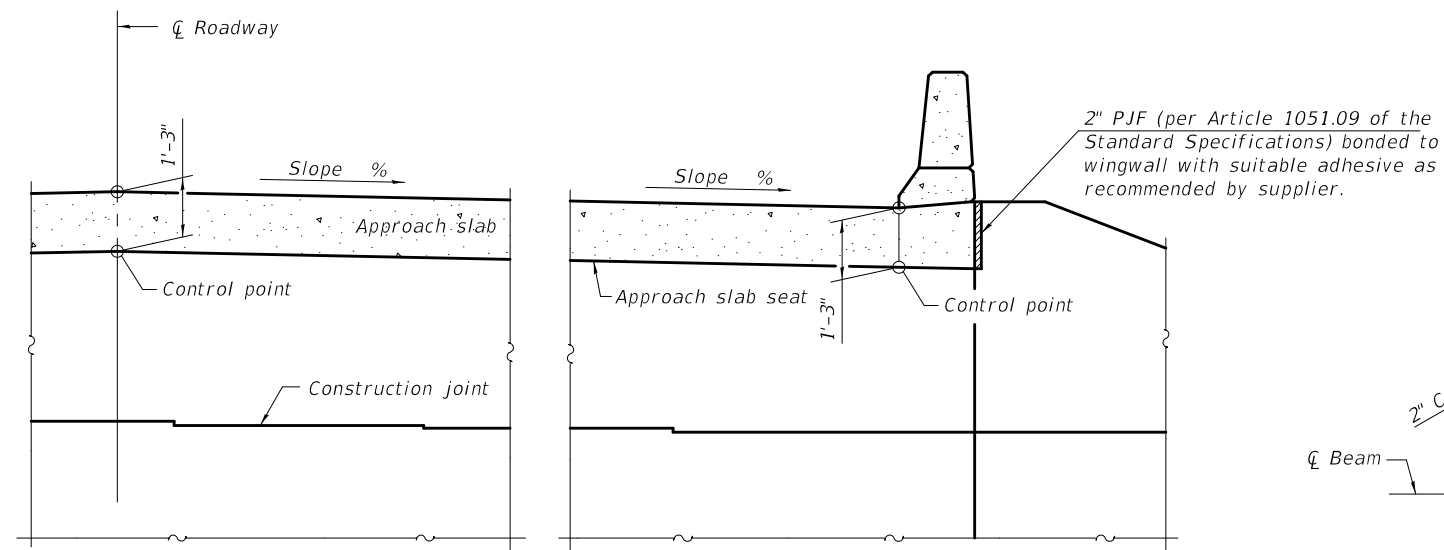
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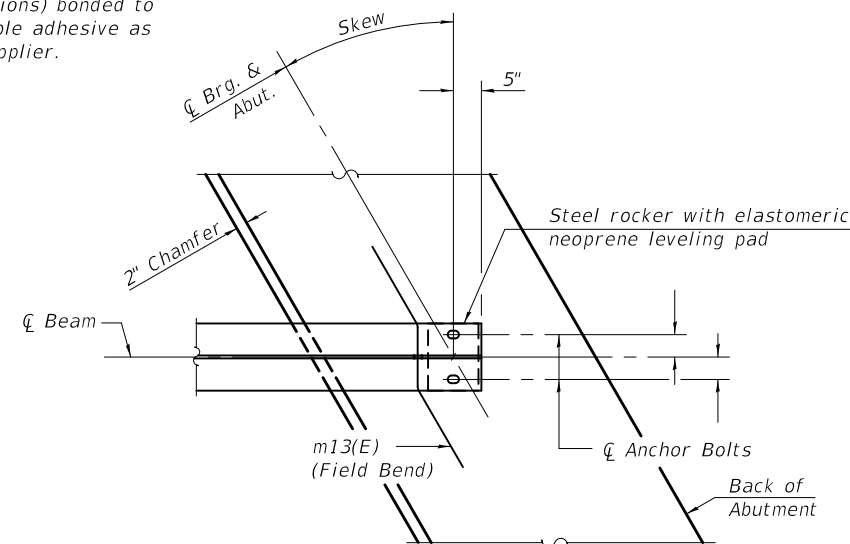
DIAPHRAGM AT ABUTMENT



SECTION A-A  
(at Rt. L's)



SECTION B-B



PLAN AT ABUTMENT  
(Showing bottom flange of beam)

Notes:  
Reinforcement bars in diaphragm are billed with superstructure on sheet of .  
Concrete in diaphragm is included with Concrete Superstructure on sheet of .  
For details of bars s10(E), s11(E) and v100(E) see sheet of .  
The s10(E) and s11(E) bars shall be placed parallel to the beams. Spacing for these bars shall be at right angles to the beams.  
The approach slab seat shall have a constant slope determined from the control points shown.  
For bearing details see sheet of .  
Beams shall be braced for stability during erection and remain braced until deck is poured and cured.

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2-17-2017

FILE NAME =	USER NAME =	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DIAPHRAGM DETAILS STRUCTURE NO.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
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